

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064773.D
 Acq On : 20 Nov 2020 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:49 PM

Quant Time: Nov 20 15:16:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	386649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	659925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	618853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	297289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	277697	40.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.66%	
35) Dibromofluoromethane	7.55	113	204236	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	10.06	98	821524	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.37	95	293255	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	204102	42.246	ug/l	97
3) Chloromethane	2.04	50	275696	51.606	ug/l	98
4) Vinyl Chloride	2.17	62	278257	49.918	ug/l	99
5) Bromomethane	2.53	94	168556	41.236	ug/l	95
6) Chloroethane	2.68	64	166784	44.345	ug/l	96
7) Trichlorofluoromethane	2.99	101	365672	36.627	ug/l	100
8) Diethyl Ether	3.37	74	136627	42.413	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	209268	48.503	ug/l	97
10) Methyl Iodide	3.91	142	247787	48.045	ug/l	95
11) Tert butyl alcohol	4.74	59	168514	255.370	ug/l	98
12) 1,1-Dichloroethene	3.69	96	209264	50.341	ug/l	96
13) Acrolein	3.56	56	91609	592.961	ug/l	91
14) Allyl chloride	4.28	41	372261	52.155	ug/l	87
15) Acrylonitrile	4.93	53	551462	284.604	ug/l	97
16) Acetone	3.78	43	471897	286.003	ug/l	93
17) Carbon Disulfide	4.01	76	602807	49.865	ug/l	99
18) Methyl Acetate	4.28	43	259167	51.872	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	710968	51.114	ug/l	97
20) Methylene Chloride	4.50	84	246724	48.985	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	228038	49.164	ug/l	95
22) Diisopropyl ether	5.90	45	812833	53.925	ug/l	95
23) Vinyl Acetate	5.85	43	3243992	266.670	ug/l	99
24) 1,1-Dichloroethane	5.80	63	449002	50.842	ug/l	100
25) 2-Butanone	6.79	43	717864	276.052	ug/l	100
26) 2,2-Dichloropropane	6.78	77	298156	35.529	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	261276	51.093	ug/l	93
28) Bromochloromethane	7.15	49	212090	47.631	ug/l	98
29) Tetrahydrofuran	7.17	42	487053	277.199	ug/l	99
30) Chloroform	7.33	83	454164	47.323	ug/l	97
31) Cyclohexane	7.61	56	359186	48.845	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	391989	44.687	ug/l	97
36) 1,1-Dichloropropene	7.75	75	331802	48.871	ug/l	99
37) Ethyl Acetate	6.88	43	317596	55.866	ug/l	99
38) Carbon Tetrachloride	7.73	117	338839	46.960	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	307362	51.093	ug/l	98
40) Benzene	8.00	78	992015	52.440	ug/l	98
41) Methacrylonitrile	7.13	41	145327	55.773	ug/l	96
42) 1,2-Dichloroethane	8.09	62	359496	44.168	ug/l	95
43) Isopropyl Acetate	8.13	43	528873	47.996	ug/l	97
44) Trichloroethene	8.80	130	268891	49.529	ug/l	95
45) 1,2-Dichloropropane	9.08	63	268630	53.273	ug/l	96
46) Dibromomethane	9.17	93	171681	48.031	ug/l	94
47) Bromodichloromethane	9.37	83	358166	47.665	ug/l	99
48) Methyl methacrylate	9.17	41	264276	50.830	ug/l	91
49) 1,4-Dioxane	9.17	88	73721	1136.504	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1577455	237.464	ug/l	96
52) Toluene	10.13	92	604400	51.875	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	375775	46.727	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	393999	47.580	ug/l #	88
55) 1,1,2-Trichloroethane	10.53	97	236652	50.641	ug/l	97
56) Ethyl methacrylate	10.40	69	357058	46.732	ug/l #	90
57) 1,3-Dichloropropane	10.68	76	414670	51.226	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	993619	237.592	ug/l	100
59) 2-Hexanone	10.72	43	1154015	236.632	ug/l	96
60) Dibromochloromethane	10.87	129	266693	49.396	ug/l	99
61) 1,2-Dibromoethane	10.98	107	247271	49.609	ug/l	99
64) Tetrachloroethene	10.60	164	276075	50.321	ug/l	98
65) Chlorobenzene	11.41	112	651055	49.457	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	243790	49.563	ug/l	98
67) Ethyl Benzene	11.48	91	1161010	50.021	ug/l	99
68) m/p-Xylenes	11.59	106	861209	91.725	ug/l	96
69) o-Xylene	11.92	106	406295	50.175	ug/l	97
70) Styrene	11.94	104	717038	45.636	ug/l	97
71) Bromoform	12.10	173	170150	44.769	ug/l #	100
73) Isopropylbenzene	12.22	105	1053168	49.896	ug/l	99
74) N-amyl acetate	12.04	43	470269	47.707	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	290493	49.225	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	295656m	46.156	ug/l	
77) Bromobenzene	12.50	156	263607	49.516	ug/l	95
78) n-propylbenzene	12.56	91	1223125	49.758	ug/l	99
79) 2-Chlorotoluene	12.65	91	752021	47.800	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	893094	50.935	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	108259	43.751	ug/l #	84
82) 4-Chlorotoluene	12.75	91	799581	47.663	ug/l	100
83) tert-Butylbenzene	12.97	119	708129	52.205	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	905726	50.613	ug/l	99
85) sec-Butylbenzene	13.14	105	933505	51.632	ug/l	99
86) p-Isopropyltoluene	13.26	119	845911	50.873	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	470346	48.490	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	469789	47.176	ug/l	97
89) n-Butylbenzene	13.59	91	739586	47.645	ug/l	99
90) Hexachloroethane	13.85	117	144374	52.522	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	456500	48.152	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	68338	44.129	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	243957	47.365	ug/l	97
94) Hexachlorobutadiene	14.98	225	102210	48.357	ug/l	99
95) Naphthalene	15.10	128	836144	50.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	241114	48.766	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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